

CALIFORNIA HORSE RACING BOARD

1010 Hurley Way, Suite 300

Sacramento, CA 95825

www.chrb.ca.gov

(916) 263-6000 Fax (916) 263-6042

**Postmortem Examination Review Summary #210**

Horse Information: 6-year-old Thoroughbred.

Incident Summary: This horse was injured while racing.

Necropsy Summary: A necropsy examination revealed open biaxial sesamoid bone fractures in the right forelimb. Focal reddish discoloration (interpreted as osteopenia) of the subchondral bone was noted. Additional findings included moderate palmar osteochondral disease with blue discoloration on the lateral condyle of the third metacarpal (MC3) bone in the right forelimb and both condyles of the MC3 bone of the left forelimb. Acute osteochondral fragmentation (chip fracture) of the intermediate and third carpal bones of the left forelimb was present.

Racing/Training History: This horse ran over 10 races and was claimed. The trainer explained that the sparse workouts in the horse's history were normal for his barn, as he did not want to overwork his horses. The trained opted to utilize frequent 2-mile jogs to maintain fitness. This horse behaved more calmly when ponied compared to when under saddle.

Veterinary History Summary: Two days prior to the final race the horse was treated with vitamins and electrolytes in IV fluids, Adequan and phenylbutazone. The horse received furosemide prior to racing. The attending veterinarian for the final trainer reported that the horse had always been sound. The horse was previously on the CHRB Veterinarian's List for shockwave therapy to the right front shin. The horse also had a history of radiographs of the left hind fetlock and increased radiopharmaceutical uptake in the right tibia on nuclear scintigraphy with the prior connections.

Pre-race Examinations: Examinations had noted exostosis and a decreased range of motion in both front fetlock joints, left forelimb lateral suspensory ligament branch enlargement and right front shin exostosis.

Conclusion: This horse sustained open proximal sesamoid bone fractures in a race. With the prior connections the horse had a history of bone stress remodeling in a "shin" (MC3) and tibia.